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Mechanical Designer Catia V5 / SolidWorks

Holder of a Mechanical Engineering and Industrial Automation high school diploma, as well as a Mechanical Engineering and Industrial Automation two-year Technical Degree, I am also the holder of a CAD-CAM of Mechanics Bachelor's Degree.

Highly skilled on Catia, Solidworks and Autocad, I am a serious, voluntary, dynamic and enthusiastic person.

I would be really interested to put those qualities and experiences in the service of your company.

So I am at your disposal for a possible interview.

Work experience

Since
October 2010

Mechanical Designer

Mission: Service provider

- Integration avionics on commercial or VIP aircrafts / helicopters (Aéroconseil, from October 2010 to October 2011) :

> Intégration of Aeromobile GSM/WiFi system on B777-300ER VIP (Presidential Flight)

> Modification of a VCC for new IFE Zodiac system installation on A340-300 (South African Airline)

> Intégration of OnAir GSM system on B777 series (Singapore Airline)

- * Environment model
- * Elementary parts
- * Definition drawings
- * Installation drawings
- * Part lists
- * Job Cards edition
- * IPC Supplement edition

- WDM edition, elementary parts and associated manufacturing drawings updates (EAD Aerospace, November 2011)

- Follow-up of the configuration management, mechanical and electrical systems installation on nose-fuselage section of the A350XWB program (weight saving) (Airbus, since November 2011)

Appraisal: SolidWorks, Autocad, Catia V5

September 2010
October 2010

Mechanical Designer

Mission: Service provider

> Works of stake in bundle of the equipments of assembly rudder and conception of the equipment THSA (LATecis)

Means: Catia V5, Audros

April 2010
September 2010

Mechanical Designer

Segula Aerospace

Mission: Service provider

> Drawing production of the A350's " Center Wing Box " sets and subsets (T21) (Airbus)

Means: Catia V5, VPM, PDM-Link SSCI, CADint

January 2009
June 2009

Mechanical Designer

EAD Aerospace

Mission: Cabin modifications, retrofit and aircrafts/helicopters upgrades :

> Design of parts and assemblies :

* VSS cameras installation on Dash-8 Q400 & B737NG (Luxair) (brackets, shrouds, cut-out on ceiling panels, trays and 2D routing) (Catia, Autocad)

* Modifications of Weight and Balance's boxes on B747-400 (Cathay Pacific) (Solidworks, Autocad)

* Drawings production of NC manufacturing parts and assemblies for helicopters (Helinuc project) (Catia, Autocad)

> Design and furnishing of VIP interiors :

* Designs for EAD Interior Design's projects (Catia, Solidworks, Autocad)

> 2D electric routings designs (Autocad) :

* VSS Cameras (Luxair)

* Weight and Balance B747-400 (Cathay Pacific)

> Design of manufacturing drawings of electric wire harnesses and structure's elements

> Modification of WDM, IPC, AMM (Autocad) :

* B737-800

* Dash-8 Q400

* A319CJ

* A330-300

> Assembly instructions (Autocad) :

* VSS Cameras (Luxair)

* Weight and Balance (Cathay Pacific)

Means: Catia V5, Autocad (2D), Solidworks

September 2008
December 2008

Mechanical Designer

Akka Technologies

Mission:

Service provider untied at EAD Aerospace

> Drawings updates for A319 CJ VIP :

* WDM (Autocad)

* AMM drawings (Autocad)

* 2D routings (Autocad)

Means: Autocad

December 2005
June 2008

Mechanical Engineering Agent

TRB

Mission:

> Project management (conception, lists -products/parts, quantifications, valuable calculations-, fourniture and manufacturing management, installation management and on-site technical support)

> Design of refractory solutions for blast furnaces, steel production and foundries (Autocad)

> Design of elements of boilermaking (moulds, shapes, casings, bases / supports) (Autocad)

> Production management and installation, on-site technical support

Means: Autocad (2D, 3D)

October 2004
October 2005

Mechanical Engineering Agent

Sofare

Mission:

Employment in alternation during the year of Bachelor's degree :

> Design of on-board communication systems and navigation solutions (mechanical fittings and 2D routings) (Catia)

> Electrical parts 3D design (connectors, speakers casings) (Catia)

> Writing of assembly instructions (Catia, Illustrator)

> Production management and installation, on-site technical support.

Means: Catia V5, Photoshop, Illustrator

November 2003
January 2004

Mechanical Engineering Agent

Eurocopter Romania

Mission:

Two-year Technical Degree's training course :

> Organization and production management of working sequences, stocks database, management and partlists (Excel, Visual Basic)

Means: Excel, Visual Basic

Diplomas and education

October 2004
October 2005

University Institute of Technology of Saint Denis

> Bachelor's Degree of mechanics, specialization CAD-CAM

Training on Catia V5 in association with Dassault System and the developers of some of the main modules

Area of specialisation: Catia V5

September 2001
February 2004

University Institute of Technology of Saint Denis

> Mechanical Engineering and Industrial Automation two-year Technical Degree

Area of specialisation: Autocad, Inventor, NC mechanical manufacturing

September 1998
July 2000

General-purpose Edouard Branly high school

> Mechanical Engineering and Industrial Automation high school diploma

Area of specialisation: Solidworks, NC mechanical manufacturing

Computing skills

Software

> Catia V5 :

- * Generative Shape Design
- * Generative Sheet Metal Design
- * Assembly Design
- * Part Design
- * Drafting
- * Generative Structural Analysis
- * Knowledge Advisor

> Solidworks :

- * Part Design
- * Generative Shape Design
- * Assembly Design
- * Sheet Metal Design
- * Welded Construction
- * Electrical Routing
- * Drafting
- * Simulation

> Autocad :

- * 2D
- * 3D

Languages

- Visual Basic

Additional information

- > Word
- > Excel
- > Powerpoint
- > Photoshop
- > Illustrator

Language skills

English

Speaking competence: Fluent, **Written competence:** Fluent

German

Speaking competence: School level, **Written competence:** School level

Various

Disponibility

> Advance notice of 2 months

Salary expectations

±30K€ annual gross

Driving licences

- > Holder of car driving licence
- > Holder of motorbike driving licence

Hobbies

- > Motorbike
- > Mountain biking
- > Swimming
- > Photography
- > Music playing
- > Travelling
- > Computing